Amendments to the Specification

Specification

Please replace paragraph **[0007]** with the following amended paragraph:

[0007] The adjustment circuit 104 receives a control signal 110 from powered device 106 via the multi-wire connection 108(3). The adjustment circuit 104 generates a difference signal from the control signal 110. A feedback signal 112 is derived from a feedback network for output voltage (Vout) adjustment and regulation. The feedback signal 112 is applied to the power supply 102 to vary or adjust (e.g., set) the output voltage (Vout). In one embodiment, the difference signal can be increased or decreased so that the feedback signal 112 varies, but reaches a specified value (e.g., a steady state) to regulate the output voltage to a desired value. In an embodiment described with reference to Fig. [[2]]1, the control signal 110 can be a pulse width modulated control signal generated by powered device 106 the difference signal can be a difference voltage, and the feedback signal can be a feedback voltage.